UNITED STATES OF AMERICA: DEPARTMENT OF AGRICULTURE.

MONTHLY WEATHER REVIEW.

OCTOBER, 1891.

CONTENTS.

	Page.		Page.
BOARD OF EDITORS	232	ATMOSPHERIC ELECTRICITY	247
INTRODUCTION	283	Thunderstorms; Auroras.	
Data used in preparing Review.		MISCELLANEOUS PHENOMENA	247
CHARACTERISTICS OF THE WEATHER	2::::	Drought; Prairie and forest fires.	
ATMOSPHERIC PRESSURE	238	VERIFICATIONS	247
General remarks; High and low areas.		Wind signals for September, 1891; forecasts for 48 hours; fore-	
NORTH ATLANTIC STORMS	238	casts for 24 hours. October, 1891, forecasts for 48 and 72 hours: Forecasts for 24 hours.	
TEMPERATURE OF THE AIR	239	STATE WEATHER SERVICES. Entracts and summaries from reports of the several services.	248
General remarks; Deviations from normal temperature; Years of highest and lowest mean temperature for October; Maximum and minimum temperature; Limits of freezing weather; Monthly and daily ranges; Periods of high temperature;		CONTRIBUTIONS AND ORIGINAL ARTICLES	250
Periods of low temperature; Frost.		METEOROLOGICAL TABLES	251
PRECIPITATION	242	October: Data from Canadian stations; Data from stations of the Weather Burean.	
precipitation; Snow; Hail; Sleet.		CHARTS—I. Tracks of areas of low pressure; II. Isobars, isotherms, and winds: III. Precipitation: IV. Tracks of areas of high	
,WINDS	245	and annotation of the state of	
Prevailing directions; High winds; Local storms.		pressure: V. Monthly snowfall and limits of freezing weather.	
INLAND NAVIGATION Low water; Stage of water in rivers.	246	Tracings of temperature and pressure fluctuations at the base and summit of Mount Washington, N. II.	

PREPARED UNDER THE DIRECTION OF

MARK W. HARRINGTON,

CHIEF OF WEATHER BUREAU.

PUBLISHED BY AUTHORITY OF THE SECRETARY OF AGRICULTURE.

WASHINGTON, D. C.: WEATHER BUREAU. 1891.